

Species attributes

Scientific name:	<i>Zieria baeuerlenii</i>
NSW status:	Endangered
Commonwealth status:	Endangered
Management stream:	Site-managed



Photographer: John Briggs

Overall project status*



Populations at all sites are on target.



Populations at one or more sites were not monitored this year, but threat management is on target.
Populations at remaining sites are on target.



Populations at one or more sites were not monitored this year, but threat management is not on target.
Populations at remaining sites are on target.



Populations at one or more sites are not on target.

* For SoS priority management sites (may not include all locations where the species occurs in NSW)

Project summary

Priority management sites:	Bomaderry Creek
Action implementation:	7 of 7 actions were implemented as planned for the financial year (includes species population monitoring actions + other project actions fully or partially implemented)
Total expenditure:	\$39,860 (\$11,600 cash; \$28,260 in-kind)
Project partners:	Australian Botanic Garden Mount Annan; Australian National Botanic Gardens; Bomaderry Creek Landcare Group; Booderee Botanic Gardens; Office of Environment and Heritage; NSW Environmental Trust; Shoalhaven City Council; TAFE Illawarra; Wollongong Botanic Garden

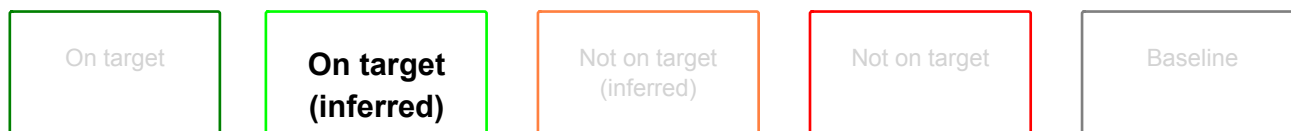
Management site 1: Bomaderry Creek

LGA: Shoalhaven

Project partners: Australian Botanic Garden Mount Annan; Australian National Botanic Gardens; Bomaderry Creek Landcare Group; Booderee Botanic Gardens; Office of Environment and Heritage; NSW Environmental Trust; Shoalhaven City Council; TAFE Illawarra; Wollongong Botanic Garden

Estimated species population size: 50

Population status



Species population monitoring was not conducted at this site this financial year (not required annually). The species population is inferred to be on target based on threat management being on target.

Investment

Project participant	Cash	In-kind
Office of Environment and Heritage	\$0	\$6,600
Shoalhaven City Council	\$0	\$2,200
TAFE Illawarra	\$0	\$5,500
Wollongong Botanic Garden	\$0	\$2,460
Australian Botanic Garden Mount Annan	\$0	\$2,000
Australian National Botanic Gardens	\$0	\$2,000
Bomaderry Creek Landcare Group	\$0	\$5,500
Booderee Botanic Gardens	\$0	\$2,000
NSW Environmental Trust	\$11,600	\$0

Management actions

The project actions below (including research and survey actions) are those identified as being required in 2015-16 to secure the species in the wild.

Threat	Management action	Implemented as planned?
Grazing by rabbits, particularly of new shoots sprouting from the rootstocks.	Implement regular rabbit control operations, and implement fencing trials to exclude browsing.	Partial implementation (Logistical delays)
Habitat damage associated with illegal rubbish dumping, vandalism, unintentional trampling and bushrock removal.	Install barriers and maintain alternative route tracks to encourage use of pathways remote from the species.	Yes
Habitat disturbance during powerline maintenance poses a threat to a small part of the population.	Install interpretive signage to minimise impacts from on-site infrastructure and its maintenance.	Partial implementation (Logistical delays)
Increased nutrients and other pollution from adjoining developments poses a threat to a small part of the population.	Investigate ways to divert and minimise run-on of nutrients	Yes
Risk of local extinction via stochastic processes due to the restricted distribution of the species.	If/when augmentation is required, re-introduce ex-situ material (e.g. seed) or material collected from other extant populations into existing site/s. Continue maintenance of the population until it is viable and able to persist for long periods without intensive management. Propagate the species from cuttings held at Eurobodalla and Mt Annan botanic gardens. Cannot collect seed, does not produce seed.	Yes
Weed invasions resulting in the loss of habitat poses a threat to some colonies, particularly those on the eastern side of Bomaderry Creek.	Physical and chemical control of weeds. Encompasses BPWW site 2384 (CC1).	Yes

Threat status

This table includes critical threats that were monitored at this site, this financial year.

Threat	Annual target	Threat status	Confidence in monitoring
Weed invasions resulting in the loss of habitat poses a threat to some colonies, particularly those on the eastern side of Bomaderry Creek.	Shoalhaven City Council's Environmental Trust Research & Rehabilitation grant to implement weed control works.	On target	Low

Site summary

Works have been underway under an Environmental Trust Rehabilitation and Restoration grant (led by Shoalhaven Council) and an Environmental Trust-Saving our Species partnerships grant (led by Office of Environment and Heritage). Actions include weeding and fencing works, planting trials and detailed planning for a proposed enhancement planting.